Orthopyroxene Thermobarometers

Orthopyroxene-Liquid Barometry. *Function "calculate_opx_liq_press"*				
Putirka (2008)	P_Put2008_eq29a	✓		✓
	P_Put2008_eq29b	✓		✓
Putirka Supplement New "Global" calibrations	P_Put_Global_Opx	✗		✗
	P_Put_Felsic_Opx	✗		✗
Orthopyroxene-Liquid Thermometry. *Function "calculate_opx_liq_temp"*				
Putirka (2008)	T_Put2008_eq28a		✓	✓
	T_Put2008_eq28b_opx_sat		✓	✓
Orthopyroxene-only Barometry. Function "calculate_opx_only_press"				
Putirka (2008)	P_Put2008_eq29c	✓		✗
Other Functions				

calculate_opx_liq_press_temp(): Iteratively solves P and T for opx-liq pairs using an equation for P and an equation for T.

calculate_opx_liq_press_temp_matching(): Calculates P and T for all possible opx-liquid pairs (with user-selected options for equilibrium criteria).

calculate_opx_rhodes_diagram_lines(): Calculates equilibrium lines for a range of melt Mg#s using a variety of user-selected options for equilibrium models

Two pyroxene Thermobarometers

Orthopyroxene-Clinopyroxene Barometry. *Function "calculate_cpx_opx_press"*				
Putirka (2008)	P_Put2008_eq38	✗		✗
	P_Put2008_eq39	✓		✗
Orthopyroxene-Clinopyroxene Thermometry. *Function "calculate_cpx_opx_press"*				
Putirka (2008)	T_Put2008_eq36		✓	✗
	T_Put2008_eq37		✓	✗
Brey and Kohler (1990)	T_Brey1990		✓	✗
Wells (1977)	T_Wells1977		✗	✗
Wood and Banno (1973)	T_Wood1973		✗	✗
Other Functions				

calculate_cpx_opx_press_temp(): Iteratively solves P and T for opx-cpx pairs using an equation for P and an equation for T.

calculate_cpx_opx_press_temp_matching(): Calculates P and T for all possible opx-cpx pairs (with user-selected options for equilibrium criteria).